

IN addition to the usual "notes" and proceedings of Irish Societies, the October issue of the *Irish Naturalist* contains an interesting communication by Mr. C. B. Moffat, entitled "The Habits of the Hairy-armed Bat."

WE have received a copy of the *Papers and Proceedings* of the Royal Society of Tasmania for 1898-1899 (issued June 1900). It contains a useful list of Tasmanian mollusca, by Miss Lodder; several petrological papers, by Mr. W. H. Twelvetrees and Mr. W. F. Petterd, in which limurite, haiyne-trachyte, felsites, nephelinite and other rocks are described; also a note by the same authors on bones of Tasmanian labyrinthodonts. Numerous other natural history subjects are dealt with.

AMONG recent American and Colonial reprints we have to note the following:—Contributions to the U.S. National Herbarium, the plant covering of Ocracoke Island, by Thomas H. Kearney, jun.; and Stigmonose, a disease of carnations and other pinks, by Albert F. Woods; both issued by different divisions of the U.S. Department of Agriculture; Progress of plant breeding in the United States, by Herbert J. Webber and E. A. Bessey, reprinted from the year book of the U.S. Department of Agriculture for 1899; and Observations on the eucalypts of New South Wales, parts 5 and 6, by H. Deane and J. H. Maiden, from the *Proceedings* of the Linnean Society of New South Wales.

A SMALL pamphlet, issued by the Joint Agricultural Council of the East and West Ridings and of the Yorkshire College, containing a list of one hundred Yorkshire weeds, should be useful to farmers. It will be supplemented by a herbarium containing entire plants of the hundred weeds, and a cabinet containing their seeds or fruits, and will be followed by others.

IN the *Bulletin*, No. 3 (Petroleum Series), issued by the School of Mines, University of Wyoming, Mr. W. C. Knight gives an account of the oil-fields of Crook and Uinta counties. The geological features of the oil-yielding districts are briefly sketched and illustrated by maps and sections in the text. Tables showing the results of testing in various samples of oil are contributed by Mr. E. E. Slosson.

"NOTES on some Jurassic Plants in the Manchester Museum," by Mr. A. C. Seward, are published in the *Memoirs* of the Manchester Literary and Philosophical Society, vol. xlv. 1900, and reprinted in "Notes from the Manchester Museum," No. 6. The collection dealt with includes the plants figured by Lindley and Hutton, in addition to other specimens in the museum. The synonymy of numerous species is given, and a list of Inferior Oolite plants contained in the museum collections is also added. These notes are accompanied by four well-executed plates and a useful bibliography.

IN the *Mémoires du Musée Roy. d'Hist. Nat. de Belgique*, t. i. 1900, Mr. Seward describes the Wealden flora of Bernissart (Belgium). The plants described are obtained from a fresh-water deposit and are of a fragmentary nature; the flora is remarkable for the relatively large number of ferns included, while the cycads are absent and the conifers rare. Twenty species of plants are recognised, more than half of which are known also from England and Germany. The memoir is well illustrated by four plates and several text-figures.

SINCE the publication in our last number of a list of forthcoming science books, we have received the list of announcements of Mr. Gustav Fischer, of Jena. It is as follows:—"Atlas der topographischen Anatomie des Menschen," by Profs. Bardeleben and Haeckel, Zweite völlig umgearbeitete und vermehrte Auflage; "Organographie der Pflanzen, insbesondere der

Archegoniaten und Samenpflanzen," by Prof. Goebel, Zweiter Teil, 2 Heft, Erster Teil; "Klinisches Jahrbuch," Siebenter Band, Fünftes Heft; "Lehrbuch der vergleichenden Anatomie der wirbellosen Tiere," by Prof. A. Lang, Zweite umgearbeitete Auflage, Erste Lieferung, Mollusca; "Die Grundlagen und die Methoden für die mikroskopische Untersuchung von Pflanzenpulvern," by Prof. A. Meyer; "Aetiologie und Prophylaxe der Lungentuberkulose," by Dr. J. Ruhemann; "Anatomisch-klinische Vorträge aus dem Gebiete der Nervenpathologie," by Prof. K. Schaffer; "Praktikum der physiologischen Chemie," by Prof. Fr. N. Schulz; "Lehrbuch der Histologie und der mikroskopischen Anatomie des Menschen mit Einschluss der mikroskopischen Technik," by Prof. P. Stoehr, Neunte verbesserte Auflage; "Das Neuron in Anatomie und Physiologie," by Prof. Max Verworn.

Mr. H. K. Lewis promises the following new books:—"Blood and Blood Pressure," by Dr. G. Oliver; and new editions of "Hygiene and Public Health," by Dr. Louis Parkes; "Medical Electricity," by Dr. Lewis Jones; "The Student's Medical Dictionary" and "A Pocket Medical Dictionary," by Dr. G. M. Gould.

Messrs. Lovell Reeve and Co., Ltd., have in preparation a "Monograph of the Membracidae," by G. B. Buckton, F.R.S., who will be glad to hear, through the publishers, from entomologists and others as to specimens which they have reason to believe are as yet unknown to science.

Messrs. Williams and Norgate announce:—"The Opus Majus of Roger Bacon," edited with introduction and analytical table by J. H. Bridges.

MR. MARTINUS NIJHOFF, bookseller, of the Hague, has just issued the first part of his classified natural science catalogue containing nearly 2500 entries.

THE additions to the Zoological Society's Gardens during the past week include a Vervet Monkey (*Cercopithecus lalandii*) from South Africa, presented by Lieut. Sullivan; a Black-backed Jackal (*Canis mesomelas*) from South Africa, presented by Mr. J. E. Matcham; a Two-spotted Paradoxure (*Nandinia binotata*) from West Africa, presented by Mr. R. G. Pointer; a Vulpine Phalanger (*Trichosurus vulpecula*) from Australia, presented by Miss Bartlett; a Blue-faced Amazon (*Chrysotis versicolor*) from St. Lucia, West Indies, presented by Miss M. Moon; two Greek Tortoises (*Testudo graeca*), European, presented by Sister Heather Grey; a Chameleon (*Chamaeleon vulgaris*) from North Africa, presented by Mrs. E. Putz; a Bonnet Monkey (*Macacus sinicus*) from India, two Pucheran's Guinea Fowls (*Guttera pucherani*) from Somaliland; a Large Grieved Tortoise (*Podocnemis expansa*) from the Amazons; a Greek Tortoise (*Testudo graeca*), European, deposited; two Common Rattlesnakes (*Crotalus durissus*), two Water Vipers (*Ancistrodon piscivorus*), two Copper-head Vipers (*Ancistrodon contortrix*), two Mocassin Snakes (*Tropidonotus fasciatus*), a Hog-nosed Snake (*Heterodon platyrhinos*) from North America, received in exchange.

OUR ASTRONOMICAL COLUMN.

Ephemeris for observations of Eros.

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